## **EAST Search History**

| Ref<br># | Hits | Search Query                          | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---------------------------------------|------------------------------|---------------------|---------|------------------|
| L2       | 1    | ("6313396").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/03/21 17:27 |
| L3       | 1    | ("4997491").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/03/21 17:28 |
| L4       | 1    | ("6452086").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/03/21 17:28 |
| L5       | 1288 | 136/244.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2007/03/21 17:39 |
| L6       | 305  | I5 and diode                          | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:39 |
| L7       | 17   | I5 and (by-pass near diode)           | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:40 |
| L8       | 8    | I5 and (discrete near diode)          | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:40 |
| L9       | 739  | 136/255.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:40 |
| L10      | 239  | 19 and diode                          | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:40 |
| L11      | 6    | 19 and (by-pass near diode)           | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:41 |
| L12      | 466  | 136/252.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:41 |
| L13      | 132  | I12 and diode                         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:41 |
| L14      | 15   | I12 and ((by-pass bypass) near diode) | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:41 |
| L15      | 847  | 136/251.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:41 |
| L16      | 64   | l15 and ((bypass by-pass) near diode) | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2007/03/21 17:42 |

## **EAST Search History**

| L17 | 849   | 257/433.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:42 |
|-----|-------|---|------------------------------|----|-------|------------------|
| L18 | 156   | l17 and ((solar near cell)<br>photovoltaic)                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:42 |
| L19 | . 9   | l18 and ((bypass by-pass) near diode)                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:43 |
| L20 | 1029  | 257/461.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:43 |
| L21 | 395   | l20 and ((solar near cell)<br>photovoltaic)                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON .  | 2007/03/21 17:43 |
| L22 | 23477 | glenn.in.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:44 |
| L23 | 0     | glenn-gregory.in.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:44 |
| L24 | 0     | glenn-sgregory.in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:44 |
| L25 | 155   | glenn.in. and solar   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:44 |
| L26 | 58    | glenn.in. and (solar near cell)                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:45 |
| L27 | 33    | glenn.in. and (solar near cell) and diode                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/03/21 17:45 |
| S1  | 60    | ((solar adj cell) photovoltaic) with (integrat\$5 near diode) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/02/12 19:23 |
| S2  | 1     | ("5,616,185").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2007/02/07 12:19 |
| S3  | 816   | 136/246.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF · | 2007/02/12 19:24 |
| S4  | 24    | S3 and (heat near sink) and (diode)                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2007/02/12 19:24 |

## **EAST Search History**

| S5              | 105  | (heat near sink) and (solar near cell) and substrate and diode  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2007/02/13 12:16 |
|-----------------|------|---|------------------------------|----|------|------------------|
| S6              | 3604 | ((solar near cell) photovoltaic) with diode                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON   | 2007/02/13 12:17 |
| S7              | 79   | S6 and (heat near sink) and substrate                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON   | 2007/02/13 12:28 |
| S8 <sub>-</sub> | 89   | ((solar adj cell) photovoltaic) and ((back burried) near diode) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON   | 2007/02/13 12:44 |
| S9 .            | 21   | "2919353"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON · | 2007/02/13 12:44 |
| S10             | 2    | ("2919353").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF  | 2007/02/13 12:44 |